

MAINTENANCE NOTE XX (for Data Acquisition Program Managers)

DRAFT

SUBJECT: PVC Cap, toggle switch, **C451-N1A1**, Installation Instructions

PURPOSE: Use and installation instructions for new Stock Item

EQUIPMENT : Used with:
AFFECTED C451-N1 Nimbus PL-2 Display

Replaces:
N/A

PARTS REQUIRED: NSN: NWS0-60-050-0001, ASN: C451-N1A1

SPECIAL TOOLS: None
REQUIRED

MODIFICATION : None
PROCUREMENT

EFFECTIVITY: All Nimbus Sites that experience ESD (static discharge) problems

ESTIMATED TIME: 30 seconds
REQUIRED

EFFECT ON : None.
OTHER
INSTRUCTIONS

GENERAL:

This maintenance note provides Data Acquisition Managers (DAPM) the installation instructions for the PVC Cap for the NWS Nimbus Thermometer Display units (TDUs). The PVC Cap is to be installed on the toggle switch handle of the Nimbus TDU.

Electro-Static Discharge (ESD) during the dry winter months can upset the operation of the Nimbus. The Memory toggle switch handle can funnel ESD into the Nimbus and cause an upset of the microprocessor. Power must be cycled to restart the microprocessor. Restarting the microprocessor clears all memory, eliminating any data that may have been stored.

Testing by NWS Engineering, the manufacturer, and the field, has shown that covering the metal handle of the toggle switch greatly reduces the occurrence of microprocessor upset.

PROCEDURE:

The PVC Cap is supplied 20 per bag, therefore one bag will service 20 Nimbus sites. Please do not order one bag for each site.

Remove one PVC Cap from the bag and slip it over the metal handle of the Memory toggle switch on the Nimbus PL-2 TDU. Push it all the way on, to cover as much of the handle as possible.

REPORTING INSTRUCTIONS:

Report completed modification via CSSA, Site Maintenance Record, using the instructions in Directive XX-xxxx, Section ?????. Include the following information in the report:

- Equipment code of ???? in block Y
- Modification number as XX in block YY
- Reason for change in Remarks

A sample Report is provided as attachment X.

Attachment X Maintenance Report Sample